

Alexandra M Z Slawin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,290 papers	39,592 citations	87 h-index	130 g-index
1,461 ext. papers	43,228 ext. citations	4.9 avg, IF	7.43 L-index

#	Paper	IF	Citations
1290	Diindolocarbazole - achieving multiresonant thermally activated delayed fluorescence without the need for acceptor units.. <i>Materials Horizons</i> , 2022 ,	14.4	7
1289	2,2'-(Ethane-1,2-diyl)bis(4-chlorophenol). <i>MolBank</i> , 2022 , 2022, M1318	0.5	
1288	2,6-exo-8,10-exo-4-Butyl-9-oxa-4-azatetracyclo[5.3.1.0 ^{2,6} .0 ^{8,10}]undecane-3,5-dione. <i>MolBank</i> , 2022 , 2022, M1320	0.5	
1287	Enhancing Thermally Activated Delayed Fluorescence by Fine-Tuning the Dendron Donor Strength.. <i>Journal of Physical Chemistry B</i> , 2022 ,	3.4	2
1286	Polar Ferromagnet Induced by Fluorine Positioning in Isomeric Layered Copper Halide Perovskites.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	5
1285	Scope, Limitations and Mechanistic Analysis of the HyperBTM-Catalyzed Acylative Kinetic Resolution of Tertiary Heterocyclic Alcohols**. <i>European Journal of Organic Chemistry</i> , 2022 , 2022, e20211111 ²	3.2	1
1284	Polarity and Ferromagnetism in Two-Dimensional Hybrid Copper Perovskites with Chlorinated Aromatic Spacers.. <i>Chemistry of Materials</i> , 2022 , 34, 2458-2467	9.6	4
1283	Access to Diarylmethanols by Wittig Rearrangement of , , and Benzyloxy--Butylbenzamides.. <i>Journal of Organic Chemistry</i> , 2022 ,	4.2	2
1282	Cooperative Palladium/Isothiourea Catalyzed Enantioselective Formal (3+2) Cycloaddition of Vinylcyclopropanes and α,β -Unsaturated Esters.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	2
1281	A Low-Spin Coll/Nitroxide Complex for Distance Measurements at Q-Band Frequencies. <i>Magnetochemistry</i> , 2022 , 8, 43	3.1	
1280	Diethyl 2,5-Dihydroxy-3,6-diiodoterephthalate. <i>MolBank</i> , 2022 , 2022, M1369	0.5	
1279	Synthesis of Indoloquinolines: An Intramolecular Cyclization Leading to Advanced Perophoramidine-Relevant Intermediates. <i>Molecules</i> , 2021 , 26,	4.8	1
1278	Thermally Activated Delayed Fluorescence Emitters with Intramolecular Proton Transfer for High Luminescence Solution-Processed Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15459-15474	9.5	9
1277	Investigation of Intramolecular Through-Space Charge-Transfer States in Donor-Acceptor Charge-Transfer Systems. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2820-2830	6.4	12
1276	Synthesis and Single Crystal Structures of -Substituted Benzamides and Their Chemoselective Selenation/Reduction Derivatives. <i>Molecules</i> , 2021 , 26,	4.8	2
1275	Homopiperazine (Hexahydro-1,4-diazepine). <i>MolBank</i> , 2021 , 2021, M1200	0.5	0
1274	Bridging (Thionylimido)metal Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 8423-8427	5.1	

1273	Enantioselective Synthesis of β -Aryl- α -Amino-Esters by Cooperative Isothiourea and Brønsted Acid Catalysis. <i>Angewandte Chemie</i> , 2021 , 133, 11999-12007	3.6	0
1272	Enantioselective Synthesis of β -Aryl- α -Amino-Esters by Cooperative Isothiourea and Brønsted Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11892-11900	16.4	7
1271	Synthesis of Gold(I)-Trifluoromethyl Complexes and their Role in Generating Spectroscopic Evidence for a Gold(I)-Difluorocarbene Species. <i>Chemistry - A European Journal</i> , 2021 , 27, 8461-8467	4.8	2
1270	Third-Order Nonlinear Optical Behavior of an Amide-Tricarboxylate Zinc(II) Metal-Organic Framework with Two-Fold 3D+3D Interpenetration. <i>Inorganic Chemistry</i> , 2021 , 60, 9700-9708	5.1	30
1269	Synthesis of Palladium complexes derived from Amido linked N-Heterocyclic Carbenes and their use in Suzuki cross coupling reactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1334-1341	1.3	0
1268	Wide-Bite-Angle Diphosphine Ligands in Thermally Activated Delayed Fluorescent Copper(I) Complexes: Impact on the Performance of Electroluminescence Applications. <i>Inorganic Chemistry</i> , 2021 , 60, 10323-10339	5.1	5
1267	Progressive Polytypism and Bandgap Tuning in Azetidinium Lead Halide Perovskites. <i>Inorganic Chemistry</i> , 2021 , 60, 12247-12254	5.1	5
1266	Isorecticular chemistry of scandium analogues of the multicomponent metal-organic framework MIL-142. <i>CrystEngComm</i> , 2021 , 23, 804-812	3.3	3
1265	One pot, three dimensionalities: 1D, 2D and 3D zinc coordination polymers with both N- and O-linkers produced in same reaction. <i>Journal of Solid State Chemistry</i> , 2021 , 293, 121717	3.3	1
1264	Organo Phosphorus-Sulfur-Nitrogen Heterocycles from Thionation of Schiff Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 239-244	1.3	
1263	The X-ray Structures of (R)-2,2'-Dimethyl-1,1'-binaphthyl and (S)-2-Bromomethyl-2'-dibromomethyl-1,1'-binaphthyl. <i>Journal of Chemical Crystallography</i> , 2021 , 51, 497	0.5	
1262	Simultaneous Presence of Open Metal Sites and Amine Groups on a 3D Dy(III)-Metal-Organic Framework Catalyst for Mild and Solvent-Free Conversion of CO to Cyclic Carbonates. <i>Inorganic Chemistry</i> , 2021 , 60, 2056-2067	5.1	41
1261	Supramolecular packing of alkyl substituted Janus face all- 2,3,4,5,6-pentafluorocyclohexyl motifs. <i>Chemical Science</i> , 2021 , 12, 9712-9719	9.4	2
1260	Catalytic enantioselective synthesis of 1,4-dihydropyridines the addition of C(1)-ammonium enolates to pyridinium salts. <i>Chemical Science</i> , 2021 , 12, 12001-12011	9.4	2
1259	Cu(OTf) -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7935-7940	16.4	4
1258	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie</i> , 2021 , 133, 8014-8019	3.6	
1257	Structural Features in Some Layered Hybrid Copper Chloride Perovskites: ACuCl or ACuCl. <i>Inorganic Chemistry</i> , 2021 , 60, 11014-11024	5.1	6
1256	4-Chlorobenzyl Chloride. <i>MolBank</i> , 2021 , 2021, M1265	0.5	

1255	New Variants of (110)-Oriented Layered Lead Bromide Perovskites, Templated by Formamidinium or Pyrazolium. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3404-3411	2.3	2
1254	A Luminescent 1D Silver Polymer Containing [2.2]Paracyclophane Ligands. <i>Frontiers in Chemistry</i> , 2021 , 9, 728845	5	1
1253	2,6-Dimethoxybenzyl Bromide. <i>MolBank</i> , 2021 , 2021, M1277	0.5	
1252	Janus All-Cis 2,3,4,5,6-Pentafluorocyclohexyl Building Blocks Applied to Medicinal Chemistry and Bioactives Discovery Chemistry. <i>Chemistry - A European Journal</i> , 2021 , 27, 16000-16005	4.8	0
1251	Structural diversity in hybrid lead halides templated by 4-methylimidazolium. <i>Journal of Solid State Chemistry</i> , 2021 , 303, 122466	3.3	5
1250	Physical and photophysical properties of a linear copper(I) complex of a bulky acenaphthene-based NHC ligand. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 361-379	1.6	2
1249	Rationalisation of Patterns of Competing Reactivity by X-ray Structure Determination: Reaction of Isomeric (Benzyloxythienyl)oxazolines with a Base.. <i>Molecules</i> , 2021 , 26,	4.8	2
1248	COORDINATION OF AN AMINO ALCOHOLIC SCHIFF BASE LIGAND TOWARD THE ZINC(II) ION: SPECTRAL, STRUCTURAL, THEORETICAL, AND DOCKING STUDIES. <i>Journal of Structural Chemistry</i> , 2021 , 62, S8-S19	0.9	
1247	Diradical Character of Neutral Heteroleptic Bis(1,2-dithiolene) Metal Complexes: Case Study of [Pd(Metimdt)(mnt)] (Metimdt = 1,3-Dimethyl-2,4,5-trithioxoimidazolidine; mnt = 1,2-Dicyano-1,2-ethylenedithiolate). <i>Inorganic Chemistry</i> , 2020 , 59, 17385-17401	5.1	9
1246	Structural Variations in Manganese Halide Chain Compounds Mediated by Methylimidazolium Isomers. <i>Crystals</i> , 2020 , 10, 930	2.3	4
1245	Site-Specific Iron Substitution in STA-28, a Large Pore Aluminophosphate Zeotype Prepared by Using 1,10-Phenanthrolines as Framework-Bound Templates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15186-15190	16.4	2
1244	Phospholane-Phosphite Ligands for Rh Catalyzed Enantioselective Conjugate Addition: Unusually Reactive Catalysts for Challenging Couplings. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 3071-3076	3.2	1
1243	Highly Fluorescent Emitters Based on Triphenylamine-Triazine (D- π -A) System: Effect of Extended Conjugation on Singlet-Triplet Energy Gap. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1277-1285	3	4
1242	The design of an extended multiple resonance TADF emitter based on a polycyclic amine/carbonyl system. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2018-2022	7.8	37
1241	Catalytic Enantioselective Synthesis of Heterocyclic Vicinal Fluoroamines by Using Asymmetric Protonation: Method Development and Mechanistic Study. <i>Chemistry - A European Journal</i> , 2020 , 26, 12249-12255	4.8	9
1240	Isothiourea-Catalyzed Functionalization of Pyrrolyl- and Indolylacetic Acid: Enantioselective Synthesis of Dihydropyridinones and One-pot Synthesis of Pyridinones. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1562-1566	3	4
1239	Isothiourea-Catalyzed Synthesis of Pyrrole- and Indole-Functionalized Tetrasubstituted Pyridines. <i>ChemCatChem</i> , 2020 , 12, 4522-4525	5.2	0
1238	Novel Five- and Six-Membered Rings of Phosphorus-Selenium Heterocycles from Selenation of Amido-Schiff Bases. <i>ACS Omega</i> , 2020 , 5, 11737-11744	3.9	5

1237	Site-Specific Iron Substitution in STA-28, a Large Pore Aluminophosphate Zeotype Prepared by Using 1,10-Phenanthrolines as Framework-Bound Templates. <i>Angewandte Chemie</i> , 2020 , 132, 15298-15302	3.6	0
1236	Tandem sequential catalytic enantioselective synthesis of highly-functionalised tetrahydroindolizine derivatives. <i>Chemical Science</i> , 2020 , 11, 3885-3892	9.4	14
1235	Aerobic synthesis of -sulfonylamidines mediated by N-heterocyclic carbene copper(I) catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 482-491	2.5	3
1234	A Deep Blue B,N-Doped Heptacene Emitter That Shows Both Thermally Activated Delayed Fluorescence and Delayed Fluorescence by Triplet-Triplet Annihilation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6588-6599	16.4	71
1233	NHC-catalyzed enantioselective synthesis of α -trifluoromethyl- β -hydroxyamides. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 1572-1578	2.5	0
1232	Isothiourea-Catalyzed Enantioselective Synthesis of Tetrahydro- β -carbolinones. <i>Organic Letters</i> , 2020 , 22, 1301-1305	6.2	17
1231	Diethyl pyrrole-2,5-dicarboxylate. <i>MolBank</i> , 2020 , 2020, M1117	0.5	
1230	A Simplified Extractive Metallurgy Exercise to Demonstrate Selective Extraction of Copper. <i>Journal of Chemical Education</i> , 2020 , 97, 1203-1207	2.4	0
1229	Synthesis, characterization, and structures of zinc(II) and cadmium(II) complexes with phosphoramides bearing cyclic amino groups. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 453-466	1.6	3
1228	Exciton efficiency beyond the spin statistical limit in organic light emitting diodes based on anthracene derivatives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 3773-3783	7.1	13
1227	Isothiourea-Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7897-7905	16.4	27
1226	2,6-exo-8,12-exo-10-Butyl-13-oxa-3,5-dithia-10-azatetracyclo[5.5.1.02,6.08,12]tridecane-9,11-dione. <i>MolBank</i> , 2020 , 2020, M1123	0.5	2
1225	Synthesis of organic liquid crystals containing selectively fluorinated cyclopropanes. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 674-680	2.5	4
1224	A binuclear Cd(II) complex containing bridging pyrimidine-based ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 287-293	1	
1223	Exploring the Scope of Tandem Palladium and Isothiourea Relay Catalysis for the Synthesis of β -Amino Acid Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	3
1222	Probing the helical integrity of multivincinal all-syn-fluoro alkanes. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 878-887	3.9	3
1221	Two acetylenedicarboxylato-bridged 4-styrylpyridine appended 1D coordination polymers: synthesis, structural characterization and variable temperature magnetism. <i>Journal of Chemical Sciences</i> , 2020 , 132, 1	1.8	5
1220	Dicarium letterbox-shaped tetraphenolates: f-block complexes designed for two-electron chemistry. <i>Dalton Transactions</i> , 2020 , 49, 877-884	4.3	5

1219	A novel one-dimensional coordination polymer of cadmium(II)/triazine extending by di-chloro and di-iodo bridges. <i>Journal of Chemical Research</i> , 2020 , 44, 221-226	0.6	
1218	Unanticipated Silyl Transfer in Enantioselective β , γ -Unsaturated Acyl Ammonium Catalysis Using Silyl Nitronates. <i>Organic Letters</i> , 2020 , 22, 335-339	6.2	11
1217	A Pd3L6 supramolecular cage incorporating photoactive [2.2]paracyclophane units. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 232-238	6.8	7
1216	The Importance of 1,5-Oxygen???Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 3734-3739	3.6	28
1215	The Importance of 1,5-Oxygen???Chalcogen Interactions in Enantioselective Isochalcogenourea Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3705-3710	16.4	65
1214	Synthetic and Crystallographic Investigation of the Layered Coordination Framework Copper-1,3-bis(4-carboxyphenyl)-5-ethoxybenzene. <i>Crystal Growth and Design</i> , 2020 , 20, 39-42	3.5	1
1213	Bipyridine-Containing Host Materials for High Performance Yellow Thermally Activated Delayed Fluorescence-Based Organic Light Emitting Diodes with Very Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , 2020 , 8, 1901283	8.1	12
1212	Improving Processability and Efficiency of Resonant TADF Emitters: A Design Strategy. <i>Advanced Optical Materials</i> , 2020 , 8, 1901627	8.1	85
1211	2,4,6-Trimethylbenzyl Chloride (β -2-Chloroisodurene). <i>MolBank</i> , 2020 , 2020, M1156	0.5	1
1210	Efficient Sky-Blue Organic Light-Emitting Diodes Using a Highly Horizontally Oriented Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Optical Materials</i> , 2020 , 8, 2001354	8.1	19
1209	Janus Face All-cis 1,2,4,5-tetrakis(trifluoromethyl)- and All-cis 1,2,3,4,5,6-hexakis(trifluoromethyl)-Cyclohexanes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19905-19909	16.4	6
1208	Preventing Undesirable Structure Flexibility in Pyromellitate Metal Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2537-2544	2.3	1
1207	Generation and hydrolysis of N-acyloxazolinium salts allowing regiospecific acylation of chiral amino alcohols. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 611-614	1.4	1
1206	Structural variations in (001)-oriented layered lead halide perovskites, templated by 1,2,4-triazolium. <i>Dalton Transactions</i> , 2020 , 49, 17274-17280	4.3	4
1205	Janus Face All-cis 1,2,4,5-tetrakis(trifluoromethyl)- and All-cis 1,2,3,4,5,6-hexakis(trifluoromethyl)-Cyclohexanes. <i>Angewandte Chemie</i> , 2020 , 132, 20077-20081	3.6	3
1204	Thionylimido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1795-1798	1.3	2
1203	Variable dimensionality in 'hollow' hybrid tin iodide perovskites. <i>Dalton Transactions</i> , 2020 , 49, 15171-15174	3.4	5
1202	Luminescent Dinuclear Copper(I) Complexes Bearing an Imidazolylpyrimidine Bridging Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 14772-14784	5.1	9

1201	Ligand electronic fine-tuning and its repercussion on the photocatalytic activity and mechanistic pathways of the copper-photocatalysed aza-Henry reaction. <i>Catalysis Science and Technology</i> , 2020 , 10, 7745-7756	5.5	7
1200	A Facile Synthesis of Robinson's NHC-Stabilised Diborane(4). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3811-3814	2.3	2
1199	Synthesis and Conformational Analysis of Fluorinated Uridine Analogues Provide Insight into a Neighbouring-Group Participation Mechanism. <i>Molecules</i> , 2020 , 25,	4.8	4
1198	The X-ray Structure of 4-Aminobenzyl alcohol (4-Aminophenylmethanol). <i>Journal of Chemical Crystallography</i> , 2020 , 50, 8-13	0.5	1
1197	Phosphorus-Bismuth -Substituted Acenaphthenes: A Synthetic, Structural, and Computational Study. <i>Inorganic Chemistry</i> , 2020 , 59, 5616-5625	5.1	8
1196	Conversion of a microwave synthesized alkali-metal MOF to a carbonaceous anode for Li-ion batteries.. <i>RSC Advances</i> , 2020 , 10, 13732-13736	3.7	6
1195	Fast Delayed Emission in New Pyridazine-Based Compounds. <i>Frontiers in Chemistry</i> , 2020 , 8, 572862	5	3
1194	Isothiourea-Catalyzed Atropselective Acylation of Biaryl Phenols via Sequential Desymmetrization/Kinetic Resolution. <i>Angewandte Chemie</i> , 2020 , 132, 7971-7979	3.6	10
1193	Base-free Enantioselective C(1)-Ammonium Enolate Catalysis Exploiting Aryloxides: A Synthetic and Mechanistic Study. <i>Angewandte Chemie</i> , 2019 , 131, 15255-15263	3.6	9
1192	Fluorine-containing substituents: metabolism of the β,β -difluoroethyl thioether motif. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1441-1447	2.5	5
1191	Design, synthesis and isolation of a new 1,2,5-selenadiazolidyl and structural and magnetic characterization of its alkali-metal salts. <i>New Journal of Chemistry</i> , 2019 , 43, 16331-16337	3.6	6
1190	1,3,4-Oxadiazole-based Deep Blue Thermally Activated Delayed Fluorescence Emitters for Organic Light Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 24772-24785	3.8	17
1189	Copper complexes of arylselenolate-based ligands: synthesis and catalytic activity in azidealkyne cycloaddition reactions. <i>New Journal of Chemistry</i> , 2019 , 43, 2381-2388	3.6	9
1188	STA-27, a porous Lewis acidic scandium MOF with an unexpected topology type prepared with 2,3,5,6-tetrakis(4-carboxyphenyl)pyrazine. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5685-5701	13	18
1187	New mechanism for the nucleation and growth of large zeolite X crystals in the presence of triethanolamine. <i>Chemical Communications</i> , 2019 , 55, 862-865	5.8	3
1186	Regression analysis of properties of [Au(IPr)(CHR)] complexes. <i>Dalton Transactions</i> , 2019 , 48, 7693-7703	4.3	4
1185	Synthesis and reactivity of [Au(NHC)(Bpin)] complexes. <i>Chemical Communications</i> , 2019 , 55, 6799-6802	5.8	17
1184	Enhanced thermally activated delayed fluorescence through bridge modification in sulfone-based emitters employed in deep blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6664-6671	7.1	27

1183	Catalytic enantioselective synthesis of perfluoroalkyl-substituted β -lactones a concerted asynchronous [2 + 2] cycloaddition: a synthetic and computational study. <i>Chemical Science</i> , 2019 , 10, 6162-6173	9.4	31
1182	New insight into the chemistry of selenoureas: synthesis and single crystal structural study of diverse derivatives. <i>New Journal of Chemistry</i> , 2019 , 43, 7035-7043	3.6	6
1181	Fluorine in pheromones: Synthesis of fluorinated 12-dodecanolides as emerald ash borer pheromone mimetics. <i>Tetrahedron</i> , 2019 , 75, 2917-2922	2.4	4
1180	A hybrid fluoride layered perovskite, (enH)MnF. <i>Dalton Transactions</i> , 2019 , 48, 4784-4787	4.3	5
1179	Conjugated, rigidified bibenzimidazole ancillary ligands for enhanced photoluminescence quantum yields of orange/red-emitting iridium(III) complexes. <i>Dalton Transactions</i> , 2019 , 48, 9639-9653	4.3	7
1178	Synthesis of Fused Indoline-Cyclobutanone Derivatives via an Intramolecular [2+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 5169-5174	3.2	3
1177	Synthesis, microwave spectra, x-ray structure, and high-level theoretical calculations for formamidinium formate. <i>Journal of Chemical Physics</i> , 2019 , 150, 094305	3.9	4
1176	Dual-Purpose 3D Pillared Metal-Organic Framework with Excellent Properties for Catalysis of Oxidative Desulfurization and Energy Storage in Asymmetric Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14759-14773	9.5	69
1175	Enhancement of Electrical Conductivity due to Structural Distortion from Linear to Nonlinear Dicarboxylato-Bridged Zn(II) 1D-Coordination Polymers. <i>Crystal Growth and Design</i> , 2019 , 19, 2632-2641	3.5	16
1174	Ultrafast post-synthetic modification of a pillared cobalt(II)-based metal-organic framework via sulfurization of its pores for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11953-11966	13	52
1173	Fluorine containing cyclopropanes: synthesis of aryl substituted all-cis 1,2,3-trifluorocyclopropanes, a facially polar motif. <i>Chemical Communications</i> , 2019 , 55, 10539-10542	5.8	18
1172	Structure-directing effects in (110)-layered hybrid perovskites containing two distinct organic moieties. <i>Chemical Communications</i> , 2019 , 55, 9935-9938	5.8	17
1171	A novel ligand transfer reaction: Transferring an N3-donor amine ligand from Ni(II) to Cu(II) structural, spectral, theoretical, and docking studies. <i>Journal of Chemical Research</i> , 2019 , 43, 330-339	0.6	1
1170	2D-Coordination polymer containing lead(II) in a hemidirected PbO4S3 environment formed by molecular breaking of the 1,3-oxathiolane ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 547-551	1	1
1169	Base-free Enantioselective C(1)-Ammonium Enolate Catalysis Exploiting Aryloxides: A Synthetic and Mechanistic Study. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15111-15119	16.4	22
1168	Synthesis and structural characterisation of the copper MOF: STAM-NMe2. <i>CrystEngComm</i> , 2019 , 21, 5387-5391	3.3	3
1167	Stable 6H Organic-Inorganic Hybrid Lead Perovskite and Competitive Formation of 6H and 3C Perovskite Structure with Mixed A Cations. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5427-5437	6.1	10
1166	Electronic effects in mixed N-heterocyclic carbene/phosphite indenylidene ruthenium metathesis catalysts. <i>Dalton Transactions</i> , 2019 , 48, 11326-11337	4.3	6

1165	Use of Pyrimidine and Pyrazine Bridges as a Design Strategy To Improve the Performance of Thermally Activated Delayed Fluorescence Organic Light Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45171-45179	9.5	39
1164	A Luminescent Amine-Functionalized Metal-Organic Framework Conjugated with Folic Acid as a Targeted Biocompatible pH-Responsive Nanocarrier for Apoptosis Induction in Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45442-45454	9.5	44
1163	Reactivity of Woollins' Reagent toward 2-En-1-imines (Schiff Bases): A Facile Approach to Synthesize New Selenium-Phosphorus-Nitrogen Heterocycles. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4682-4689	2.3	5
1162	Syntheses and crystal structures of a new family of hybrid perovskites: CHNBrD.5HO (= K, Rb, Cs). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 1243-1248	0.7	4
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1159	Isothiourea-catalysed enantioselective Michael addition of N-heterocyclic pronucleophiles to α,β -unsaturated aryl esters. <i>Chemical Science</i> , 2019 , 11, 241-247	9.4	22
1158	A single crystal study of CPO-27 and UTSA-74 for nitric oxide storage and release. <i>CrystEngComm</i> , 2019 , 21, 1857-1861	3.3	15
1157	Tin(IV) Complexes with Salen Type Schiff base: Synthesis, Spectroscopic Characterization, Crystal Structure, Antibacterial Screening and Cytotoxicity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 889-898	1.6	1
1156	Macrocyclic copper(II) complexes containing diazacyclam-based ligand: spectral, structural and docking studies. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 3030-3045	1.6	4
1155	Cu-NHC azide complex: synthesis and reactivity. <i>Chemical Communications</i> , 2019 , 55, 12068-12071	5.8	3
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1153	Mechanistic insights of anionic ligand exchange and fullerene reduction with magnesium(I) compounds. <i>Dalton Transactions</i> , 2019 , 48, 16936-16942	4.3	1
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1149	Analyzing the Relation between Structure and Aggregation Induced Emission (AIE) Properties of Iridium(III) Complexes through Modification of Non-Chromophoric Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 135-135	2.3	
1148	Aryl Boronic Acid Catalysed Dehydrative Substitution of Benzylic Alcohols for C-O Bond Formation. <i>Chemistry - A European Journal</i> , 2019 , 25, 3950-3956	4.8	27

1147	Analyzing the Relation between Structure and Aggregation Induced Emission (AIE) Properties of Iridium(III) Complexes through Modification of Non-Chromophoric Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 152-163	2.3	15
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1140	Modulator-Controlled Synthesis of Microporous STA-26, an Interpenetrated 8,3-Connected Zirconium MOF with the <i>t</i> - <i>h</i> Topology, and its Reversible Lattice Shift. <i>Chemistry - A European Journal</i> , 2018 , 24, 6115-6126	4.8	14
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1137	A C=O...Isothiourenium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie</i> , 2018 , 130, 3254-3260	3.6	38
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868	The development of highly active acyclic chiral hydrazides for asymmetric iminium ion organocatalysis. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 7877-92	3.9	16
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108	Aggregation von Azakronenethern durch Metallierung: Synthese und Struktur von 1-Lithio-1,7-diaza[12]krone-4, dem ersten lithiierten Kronenether. <i>Angewandte Chemie</i> , 1991 , 103, 97-100	2.6	4
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106	The preparation and x-ray crystal structure of (PMe)4Se3. <i>Polyhedron</i> , 1991 , 10, 261-265	2.7	13
105	Investigations into the reaction of S4N4 with [PPh4]2[Pd2Cl6]. The X-ray crystal structures of [PPh4]2[Pd2(S2N2)Cl6] and [PPh4]2[Pd2(S2N2)Cl4]. <i>Polyhedron</i> , 1991 , 10, 2337-2340	2.7	15
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102	Towards a molecular abacus. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 630		42
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84	The preparation and characterization of binary phosphorus-selenium rings. <i>Heteroatom Chemistry</i> , 1990 , 1, 351-355	1.2	44
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56	Cyclobis(paraquat-p-phenylen), ein tetrakationischer Mehrzweckrezeptor. <i>Angewandte Chemie</i> , 1988 , 100, 1605-1608	3.6	103
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26	Noncovalent Bonding Interactions between Tetraphenylborate Anions and Paraquat and Diquat Dications. <i>Angewandte Chemie International Edition in English</i> , 1987 , 26, 890-892		37
25	Molecular Belts and Collars in the Making: A Hexaepoxyoctacosahydro[12]cyclacene Derivative. <i>Angewandte Chemie International Edition in English</i> , 1987 , 26, 892-894		140
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19	Synthesis and structure of [Pt(C ₅ H ₅ NOS) ₂ (C ₅ H ₄ NOS)]Cl, where C ₅ H ₅ NOS = 3-hydroxy-2-mercapto-pyridine; formation of a PtIIS ₃ O coordination arrangement. <i>Inorganica Chimica Acta</i> , 1986 , 116, L7-L9	2.7	4
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2	Substitution Effects on a New Pyridylbenzimidazole Acceptor for Thermally Activated Delayed Fluorescence and Their Use in Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2100846	8.1	0
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